



**BOSTON EDISON**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

10CFR50.55(a)  
ASME XI

George W. Davis  
Senior Vice President — Nuclear

April 24, 1991  
BEC0 91-058

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

License DPR-35  
Docket 50-293

Inservice Inspections Planned for Refueling Outage #8  
Pilgrim Nuclear Power Station (PNPS)

Boston Edison Company hereby submits the inservice inspections planned for Refueling Outage #8 at PNPS. The examinations listed in Enclosure A are scheduled in accordance with the requirements of ASME XI 1980 Edition Winter 1980 addenda and will complete 50% of the required examinations for the second ten year inspection interval. Additional ASME XI second interval examinations are listed in Enclosure B and will be performed, if possible. Certain ISI examinations originally scheduled for RFO #8 were performed during the April 1990 mid-cycle maintenance outage and they are identified with an asterisk in Enclosure A.

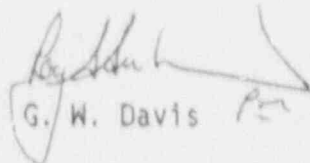
The following augmented examinations have also been scheduled for RFO #8:

- Examinations for Intergranular Stress Corrosion Cracking (IGSCC) in accordance with our response to Generic Letter 88-01 are listed in Enclosure C. Some of the examinations originally scheduled for RFO #8 were performed during the April 1990 mid-cycle outage and they are identified with an asterisk. Several alternate welds have been substituted into the IGSCC exam schedule reported in our initial response to Generic Letter 88-01. These welds are identified in Enclosure D.
- The following IGSCC examinations will be conducted in accordance with our response to NRC Bulletin 88-08.

10R-IA-5  
14R-A-13  
14R-B-13

BEC0 committed to inspect 10-HS-18 and 10-HS-19 in the response to the bulletin. These welds will not be examined because the head spray line including these welds will be removed during this outage.

- Seven welds in non-safety related Reactor Water Cleanup piping are listed in Enclosure E and they will be examined for IGSCC in accordance with our most recent response to Generic Letter 88-01 (BECc Letter 90-140).
- Ultrasonic thickness measurements for erosion/corrosion will be performed in accordance with our response to Generic Letter 89-08.
- Ultrasonic examination of four Feedwater nozzles will be conducted in accordance with NUREG 0619.
- Visual examination of the Core Spray spargers in response to Bulletin 80-13.
- Remote visual examination of a portion of the buried Salt Service Water piping will be conducted.
- Ultrasonic thickness measurements of a portion of the accessible Salt Service Water piping will be conducted.

  
G. W. Davis

RAH/clc/5515

cc: See page 3

- Enclosures:
- (A) ASME XI Second Ten Year Interval Examinations Scheduled for Refuel Outage 8.
  - (B) Additional ASME XI Second Ten Year Interval Examinations to be performed During Refuel Outage 8-if possible.
  - (C) Safety-Related IGSCC-Susceptible Welds Scheduled for Examination During Refuel Outage 8 in Accordance with Generic Letter 88-01.
  - (D) Modified IGSCC Inspection Schedule
  - (E) Non-Safety Related IGSCC-Susceptible Welds Scheduled for Examination During Refuel Outage 8 in Accordance with Generic Letter 88-01 and BECc Letter 2.90.140.

BOSTON EDISON COMPANY

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\* Exams performed  
during 1990  
Maintenance Outage.

# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
CACS	H-45-1-1	RIGID HANGER	F(1-3)	ISI-1-50-1	DW ACCESS	VT-3
CACS	H-45-1-1SG	RIGID HANGER	F(1-3)	ISI-1-50-1	DW ACCESS	VT-3
* CACS	H-45-1-5	SPRING HANGER	F(1-4)	ISI-1-50-1	TIP ROOM	VT-3
						VT-4
* CACS	H-45-1-6	SPRING HANGER	F(1-4)	ISI-1-50-1	TIP ROOM	VT-3
						VT-4
***						
CRD	3-WSD-11	CAP TO PIPE	C5.11	ISI-1-3-1	WEST CRD	MT
***						
CS	14-A-6	PIPE TO ELBOW	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-6	PIPE TO ELBOW	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14R-A-16	PENETRATION TO ELBOW	B9.11	ISI-1-14-1	DRYWELL DRYWELL	PT UT45 UT60
CS	14R-B-16	PENETRATION TO ELBOW	B9.11	ISI-1-14-1	DRYWELL	PT UT45 UT60
CS	GB-14-1HL1(4)	SUPPORT LUGS	C3.40	ISI-1-14-2B	WEST CRD	MT
* CS	HL-14-F50	PIPE TO VALVE	C5.11	ISI-1-14-2A	TORUS ROOM	MT
* CS	HLB-14-F48H	PIPE TO ELBOW	C5.11	ISI-1-14-2A	TORUS ROOM	MT
* CS	HL-14-F51	PIPE TO FLANGE	C5.11	ISI-1-14-2B	TORUS ROOM	MT
* CS	HLB-14-F14H	PIPE TO ELBOW	C5.11	ISI-1-14-2B	TORUS ROOM	MT
CS	DR/DC-14-3002-5-1	ELBOW TO PIPE	C5.21	ISI-1-14-2A	RWCU HX RM	PT UT45 UT60
CS	DB/DC-14-3001-4-1	PIPE TO PIPE	C5.21	ISI-1-14-2B	RB 51'	UT45 UT60 PT
CS	H-14-1-2	RIGID HANGER	F(1-3)	ISI-1-14-2A	TORUS ROOM	VT-3
CS	H-14-1-4SH	RIGID HANGER	F(1-3)	ISI-1-14-2A	A RHR VV RM	VT-3
CS	H-14-1-20S	RESTRAINT	F(1-3)	ISI-1-14-2A	A RHR QUAD	VT-3
CS	H-14-1-6	RIGID HANGER	F(1-3)	ISI-1-14-2A	TORUS ROOM	VT-3
CS	H-14-1-10	RIGID HANGER	F(1-3)	ISI-1-14-2B	TORUS ROOM	VT-3
***						
FW	6-A-4HL1(B)	SUPPORT LUG	B10.10	ISI-1-6-1	DRYWELL	MT
* FW	6-A-10	PIPE TO FLUED HEAD	B9.11	ISI-1-6-1	STEAM TUNNEL	MT UT45 UT60
* FW	6-B-8	PIPE TO FLUED HEAD	B9.11	ISI-1-6-1	STEAM TUNNEL	MT UT45

\*Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

.....	SYSTEM ID	COMPONENT ID NO..	COMPONENT.....	ITEM NO.	ISOMETRIC NO.	LOCATION....	EXAM..
			DESCRIPTION				METHOD
							UT60
*	FW	H-6-1-68	RIGID HANGER	F(1-3)	ISI-1-6-1	STEAM TUNNEL	VT-3
*	FW	H-6-1-69	RIGID HANGER	F(1-3)	ISI-1-6-1	STEAM TUNNEL	VT-3
	FW	H-6-1-112	SPRING HANGER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-SS-10	SNUBBER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-SS-3	SNUBBER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-SS-7	SNUBBER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-SS-9	SNUBBER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-107	SPRING HANGER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
	FW	H-6-1-114	SPRING HANGER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
							VT-4
***							
	HPCI	23-VB-2301-5	VALVE BOLTING	B7.70	ISI-1-23-1	DRYWELL	VT-1
	HPCI	23-VB-2301-8	VALVE BOLTING	B7.70	ISI-1-23-1	TIP ROOM	VT-1
*	HPCI	23-O-16	PIPE TO PENETRATION	B9.11	ISI-1-23-1	DRYWELL	MT
							UT45
							UT60
*	HPCI	23-O-17	PENETRATION TO PIPE	B9.11	ISI-1-23-1	B RHR VV RM	MY
							UT45
							UT60
*	HPCI	23-1-12	PIPE TO PIPE	B9.11	ISI-1-23-1	TIP ROOM	MT
							UT45
							UT60
	HPCI	EB-23-37HL1(4)	SUPPORT LUGS	C3.40	ISI-1-23-5	HPCI ROOM	MT
*	HPCI	HL-23-1-2A	FLANGE TO PIPE	C5.11	ISI-1-23-4	TORUS ROOM	MT
*	HPCI	HL-23-F20	PIPE TO VALVE	C5.11	ISI-1-23-4	HPCI ROOM	MT
	HPCI	DB-23-F53	ELBOW TO PIPE	C5.21	ISI-1-23-5	TORUS ROOM	MT
							UT45
							UT60
	HPCI	H-23-1-28S	RIGID HANGER	F(1-3)	ISI-1-23-2	HPCI ROOM	VT-3
	HPCI	H-23-1-25	RIGID HANGER	F(1-3)	ISI-1-23-4	HPCI ROOM	VT-3
	HPCI	H-23-1-1SH	ANCHOR	F(1-3)	ISI-1-23-4	TORUS ROOM	VT-3
	HPCI	H-23-1-28	RIGID HANGER	F(1-3)	ISI-1-23-5	HPCI ROOM	VT-3
	HPCI	H-23-1-SS13	SNUBBER	F(1-4)	ISI-1-23-1	DRYWELL	VT-3
							VT-4
	HPCI	H-23-1-SS14	SNUBBER	F(1-4)	ISI-1-23-1	DRYWELL	VT-3
							VT-4
	HPCI	H-23-1-20	SPRING HANGER	F(1-4)	ISI-1-23-3	HPCI ROOM	VT-3
							VT-4

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# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
MS	1-VB-220-1	VALVE BOLTING <2"	B7.70	ISI-1-1-1	DRYWELL	VT-1
MS	1-VB-220-2	VALVE BOLTING <2"	B7.70	ISI-1-1-1	STEAM TUNNEL	VT-1
* MS	1-B-14	VALVE TO PIPE	B9.11	ISI-1-1-1	DRYWELL	MT UT45 UT60
* MS	1-B-15	FLUED HEAD TO PIPE	B9.11	ISI-1-1-1	STEAM TUNNEL	MT UT45 UT60
* MS	1-B-8	ELBOW TO PIPE	B9.11	ISI-1-1-1	DRYWELL	MT UT45 UT60
* MS	1-B-9	PIPE TO ELBOW	B9.11	ISI-1-1-1	DRYWELL	MT UT45 UT60
* MS	1-AR-1	PIPE TO WELDOLET	B9.31	ISI-1-1-1	DRYWELL	MT UT45 UT60
* MS	H-1-1-29	RIGID HANGER	F(1-3)	ISI-1-1-1	STEAM TUNNEL	VT-3
* MS	H-1-1-36	RIGID HANGER	F(1-3)	ISI-1-1-1	STEAM TUNNEL	VT-3
* MS	H-1-1-X7B	ANCHOR	F(1-3)	ISI-1-1-1	STEAM TUNNEL	VT-3
* IS	H-1-1-108	RIGID SUPPORT	F(1-3)	ISI-1-1-1	STEAM TUNNEL	VT-3
* MI	H-1-1-X8	ANCHOR	F(1-3)	ISI-1-1-1	STEAM TUNNEL	VT-3
MS	H-1-1-HA1	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HA4	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HB1	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HC3	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HD2	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HD4	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-SA3	SNUBBER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-SB3	SNUBBER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
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RBCCW	H-30-1-44SG	GUIDE	F(1-3)	ISI-1-30-1	B RHR QUAD	VT-3
* RBCCW	H-30-1-288	GUIDE	F(1-3)	ISI-1-30-1	RB 74'	VT-3
* RBCCW	H-30-1-290	GUIDE	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
* RBCCW	H-30-1-291	GUIDE	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
* RBCCW	H-30-1-292	GUIDE	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
* RBCCW	H-30-1-390	GUIDE	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
* RBCCW	H-30-1-59SA	ANCHOR	F(1-3)	ISI-1-30-1	RB 74'	VT-3
* RBCCW	H-30-1-60SR	GUIDE	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
* RBCCW	H-30-1-61SA	ANCHOR	F(1-3)	ISI-1-30-1	FP HX RM	VT-3



\*Exams performed  
during 1990  
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# ENCLOSURE A

PILGRIM NUCLEAR POWER STATION  
ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM	ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
*	RBCCW	H-30-1-62SA	ANCHOR	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
	RBCCW	H-30-1-SR10	RIGID HANGER	F(1-3)	ISI-1-30-1	FP HX RM	VT-3
*	RBCCW	H-30-1-12SA	ANCHOR	F(1-3)	ISI-1-30-1	B AUX BAY	VT-3
*	RBCCW	H-30-1-7SA	ANCHOR	F(1-3)	ISI-1-30-1	A AUX BAY	VT-3
*	RBCCW	H-30-1-1325SP	ANCHOR	F(1-3)	ISI-1-30-2	PIPEWAY	VT-3
	RBCCW	H-30-1-135	RIGID HANGER	F(1-3)	ISI-1-30-2	A RHR QUAD	VT-3
*	RBCCW	H-30-1-1SA	ANCHOR	F(1-3)	ISI-1-30-2	B RHR QUAD	VT-3
*	RBCCW	H-30-1-27SA	ANCHOR	F(1-3)	ISI-1-30-2	A AUX BAY	VT-3
*	RBCCW	H-30-1-30SA	ANCHOR	F(1-3)	ISI-1-30-2	B AUX BAY	VT-3
	RBCCW	H-30-1-52	RIGID HANGER	F(1-3)	ISI-1-30-2	B AUX BAY	VT-3
	RBCCW	H-30-1-54	RIGID HANGER	F(1-3)	ISI-1-30-2	B AUX BAY	VT-3
	RBCCW	H-30-1-66	RIGID HANGER	F(1-3)	ISI-1-30-2	A AUX BAY	VT-3
	RBCCW	H-30-1-67	RIGID HANGER	F(1-3)	ISI-1-30-2	A AUX BAY	VT-3
*	RBCCW	H-30-1-346	GUIDE	F(1-3)	ISI-1-30-2	PIPEWAY	VT-3
*	RBCCW	H-30-1-29SA	ANCHOR	F(1-3)	ISI-1-30-2	B AUX BAY	VT-3
*	RBCCW	H-30-1-74SA	ANCHOR	F(1-3)	ISI-1-30-2	MG ROOM	VT-3
*	RBCCW	H-30-1-48	SPRING HANGER	F(1-4)	ISI-1-30-2	B RHR QUAD	VT-3
							VT-4
	RBCCW	H-30-1-65SH	SPRING HANGER	F(1-4)	ISI-1-30-2	PIPEWAY	VT-3
							VT-4
***							
	RCIC	13-VB-1301-16	VALVE BOLTING	B7.70	ISI-1-13-1	DRYWELL	VT-1
	RCIC	13-VB-1301-17	VALVE BOLTING	B7.70	ISI-1-13-1	TIP ROOM	VT-1
	RCIC	13-O-17	ELBOW TO PIPE	B9.21	ISI-1-13-1	DRYWELL	MT
	RCIC	13-O-18	PIPE TO PIPE	B9.21	ISI-1-13-1	TIP ROOM	MT
	RCIC	HB-13-F-HL1(2)	HANGER LUGS	C3.40	ISI-1-13-3	RCIC QUAD	MT
	RCIC	HL-13-F661	PIPE TO ELBOW	C5.11	ISI-1-13-3	TORUS ROOM	MT
*	RCIC	H-13-1-12SA	ANCHOR	F(1-3)	ISI-1-13-1	TIP ROOM	VT-3
*	RCIC	H-13-1-42	ANCHOR	F(1-3)	ISI-1-13-1	TIP ROOM	VT-3
*	RCIC	H-13-1-43	RESTRAINT	F(1-3)	ISI-1-13-1	TIP ROOM	VT-3
*	RCIC	H-13-1-6SH	RIGID HANGER	F(1-3)	ISI-1-13-1	TIP ROOM	VT-3
*	RCIC	H-13-1-25	RIGID SUPPORT	F(1-3)	ISI-1-13-2	RCIC QUAD	VT-3
*	RCIC	H-13-1-26	RIGID SUPPORT	F(1-3)	ISI-1-13-2	RCIC QUAD	VT-3
*	RCIC	H-13-1-2SR	LATERAL RESTRAINT	F(1-3)	ISI-1-13-2	RCIC QUAD	VT-3
*	RCIC	H-13-1-29	RIGID HANGER	F(1-3)	ISI-1-13-3	RCIC QUAD	VT-3
*	RCIC	H-13-1-33	SPRING HANGER	F(1-3)	ISI-1-13-3	RCIC QUAD	VT-3
							VT-4
*	RCIC	H-13-1-44	SPRING HANGER	F(1-4)	ISI-1-13-1	TIP ROOM	VT-3
							VT-4
***							
	RECIRC	2R-FB-BP-1A	FLANGE BOLTING	B7.50	ISI-1-2R-B	DRYWELL	VT-1
	RECIRC	2R-FB-N1A-78C-1	FLANGE BOLTING	B7.50	ISI-1-2R-B	DRYWELL	VT-1
	RECIRC	2-VB-202-4B	VALVE BOLTING	B7.70	ISI-1-2R-B	DRYWELL	VT-1
	RECIRC	2R-N2C-3	CROSS TO PIPE	B9.11	ISI-1-2R-A	DRYWELL	PT
							UT45
							UT60

\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

.....	SYSTEM ID	COMPONENT ID NO.	COMPONENT..... DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION....	EXAM... METHOD
	RECIRC	2R-N1B-4	PIPE TO TEE	B9.11	ISI-1-2R-A	DRYWELL	PT UT45 UT60
*	RECIRC	2R-N2H-3	CROSS TO PIPE	B9.11	ISI-1-2R-B	DRYWELL	PT UT45 UT60
	RECIRC	2R-N1A-14	TEE TO PIPE	B9.11	ISI-1-2R-B	DRYWELL	PT UT45 UT60
	RECIRC	2R-N1B-9BC-3	PIPE TO VALVE	B9.40	ISI-1-2R-A	DRYWELL	PT
*	R2CIRC	H-2-1-G1	GUIDE	F(1-3)	ISI-1-2R-A	DRYWELL	VT-3
	RECIRC	H-2-1-SS23	SNUBBER	F(1-4)	ISI-1-2R-A	DRYWELL	VT-3 VT-4
	RECIRC	H-2-1-SS7	SNUBBER	F(1-4)	ISI-1-2R-A	DRYWELL	VT-3 VT-4
	RECIRC	H-2-1-SS1	SNUBBER	F(1-4)	ISI-1-2R-B	DRYWELL	VT-3 VT-4
	RECIRC	H-2-1-H15	SPRING HANGER	F(1-4)	ISI-1-2R-B	DRYWELL	VT-3 VT-4
	RECIRC	H-2-1-SS8	SNUBBER	F(1-4)	ISI-1-2R-B	DRYWELL	VT-3 VT-4
***							
	RHR	10-VB-1001-47	VALVE BOLTING	B7.70	ISI-1-10-1A	A RHR VV RM	VT-1
	RHR	10-1A-14	PIPE TO FLUED HEAD	B9.11	ISI-1-10-1	A RHR VV RM	PT UT45 UT60
	RHR	10R-1A-12	PENETRATION TO ELBOW	B9.11	ISI-1-10-1	DRYWELL	PT UT45 UT60
	RHR	10R-1A-5	VALVE TO ELBOW	B9.11	ISI-1-10-1	DRYWELL	PT UT45 UT60
*	RHR	10R-0-14	PIPE TO PIPE	B9.11	ISI-1-10-1A	DRYWELL	PT UT45 UT60
	RHR	HL-10-200HL1(4)	SUPPORT LUGS	C3.40	ISI-1-10-4A	A RHR QUAD	MT
	RHR	HL-10-F147	PIPE TO VALVE	C5.11	ISI-1-10-2B	B RHR QUAD	MT
	RHR	GB-10-F163	VALVE TO PIPE	C5.11	ISI-1-10-3B	B RHR QUAD	MT
*	RHR	GB-10-16-1C	PIPE TO ELBOW	C5.11	ISI-1-10-4A	A RHR QUAD	MT
*	RHR	GB-10-16-2C	TEE TO PIPE	C5.11	ISI-1-10-4A	A RHR QUAD	MT
*	RHR	GB-10-F65	ELBOW TO VALVE	C5.11	ISI-1-10-4A	A RHR QUAD	MT
	RHR	GB-10-3-3B	PIPE TO ELBOW	C5.11	ISI-1-10-4B	TORUS ROOM	MT
	RHR	GB-10-F12	ELBOW TO PIPE	C5.11	ISI-1-10-4B	TORUS ROOM	MT
	RHR	HL-10-2-1E	PIPE TO ELBOW	C5.11	ISI-1-10-7B	TORUS ROOM	MT
	RHR	DB/DC-10-3002-3-3	PIPE TO PIPE	C5.21	ISI-1-10-4A	A RHR VV RM	PT UT45 UT60
	RHR	DB/DC-10-3001-2-1	ELBOW TO PIPE	C5.21	ISI-1-10-4B	B RHR VV RM	PT



\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
						UT45 UT60
RHR	GB-10-13-4C	WELDOLET TO PIPE	C5.31	ISI-1-10-3B	B RHR QUAD	MT
RHR	H-10-1-43SH	RIGID HANGER	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-51SR	RESTRAINT	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-52SR	RESTRAINT	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-53SH	RIGID HANGER	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-55SR	RESTRAINT	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-18SR	LATERAL RESTRAINT	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-SG23	LATERAL RESTRAINT	F(1-3)	ISI-1-10-3A	A RHR QUAD	VT-3
RHR	H-10-1-SG20	LATERAL RESTRAINT	F(1-3)	ISI-1-10-3B	B RHR QUAD	VT-3
RHR	H-10-1-63	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-63SR	LATERAL RESTRAINT	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-10BS	LATERAL RESTRAINT	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-110S	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-111S	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-37SH	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-B1	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-101S	RIGID HANGER	F(1-3)	ISI-1-10-5B	TORUS ROOM	VT-3
RHR	H-10-1-102S	LATERAL RESTRAINT	F(1-3)	ISI-1-10-5B	TORUS ROOM	VT-3
RHR	H-10-1-103S	RIGID HANGER	F(1-3)	ISI-1-10-5B	TORUS ROOM	VT-3
RHR	H-10-1-105S	LATERAL RESTRAINT	F(1-3)	ISI-1-10-5B	TORUS ROOM	VT-3
RHR	H-10-1-119	SPRING HANGER	F(1-4)	ISI-1-10-1B	B RHR QUAD	VT-3 VT-4
RHR	H-10-1-2SS	SPRING SUPPORT	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-144	SPRING HANGER	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-145	SPRING HANGER	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-5SS	SPRING SUPPORT	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-990	SPRING HANGER	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-117	SPRING HANGER	F(1-4)	ISI-1-10-3B	B RHR QUAD	VT-3 VT-4
RHR	H-10-1-96	SPRING HANGER	F(1-4)	ISI-1-10-4A	TORUS ROOM	VT-3 VT-4
RHR	H-10-1-85	SPRING HANGER	F(1-4)	ISI-1-10-4B	TORUS ROOM	VT-3 VT-4
***						
RPV	RPV-C-1-180	CIRC WELD @180	B1.11	ISI-1-54-1	DRYWELL	UT45 UT60
RPV	RPV-L-3	LONG SHELL WELD	B1.12	ISI-1-54-1	DRYWELL	UT45 UT60
RPV	RPV-SF-120-240	SHELL TO FLANGE	B1.30	ISI-1-54-1	DRYWELL	UT45 UT60
RPV	RPV-HF-120-240	HEAD TO FLANGE	B1.40	ISI-1-54-2	DRYWELL	UT45

\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

PILGRIM NUCLEAR POWER STATION  
ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE 8

SYSTEM ID	COMPONENT ID NO.	COMPONENT..... DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION....	EXAM.. METHOD
						UT60 MT
RPV	RPV INTERIOR	VESSEL INTERIOR	B13.10	N/A	117'	VT-3
RPV	RPV-N10-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N1B-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2D-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2E-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2F-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2J-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N4A-N1R	NOZZLE INNER RADIUS& BORE	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N4B-N1R	NOZZLE INNER RADIUS& BORE	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N4C-N1R	NOZZLE INNER RADIUS& BORE	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N4D-N1R	NOZZLE INNER RADIUS& BORE	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N6B-N1R	NOZZLE INNER RADIUS	B3.100	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N10-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N1B-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2D-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2E-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2F-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N2J-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	RPV-N6B-NV	NOZZLE TO VESSEL	B3.90	ISI-1-54-1	DRYWELL	UT
RPV	14-B-1	SAFE END TO NOZZLE	B5.10	ISI-1-14-1	DRYWELL	UT45 UT60 PT
RPV	2R-N2C-1	SAFE END TO NOZZLE	B5.10	ISI-1-2R-A	DRYWELL	PT UT45 UT60
RPV	2R-N2D-1	SAFE END TO NOZZLE	B5.10	ISI-1-2R-A	DRYWELL	PT UT45 UT60
RPV	2R-N2E-1	SAFE END TO NOZZLE	B5.10	ISI-1-2R-A	DRYWELL	PT UT45 UT60
RPV	2R-N1B-1	NOZZLE TO SAFE END	B5.10	ISI-1-2R-A	DRYWELL	PT UT45 UT60
RPV	2R-N2F-1	SAFE END TO NOZZLE	B5.10	ISI-1-2R-B	DRYWELL	PT UT45 UT60
RPV	2R-N2J-1	SAFE END TO NOZZLE	B5.10	ISI-1-2R-B	DRYWELL	PT UT45 UT60
RPV	3-1-1	NOZZLE TO CAP	B5.10	ISI-1-3-1	DRYWELL	PT UT45 UT60
RPV	RPV-N9A-1	NOZZLE TO SAFE END	B5.10	ISI-1-54-4	DRYWELL	PT

\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

## PILGRIM NUCLEAR POWER STATION

ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
RPV	6-N4A-1	SAFE END TO NOZZLE	B5.10	ISI-1-6-1	DRYWELL	UT45 UT60 MT
RPV	6-N4B-1	SAFE END TO NOZZLE	B5.10	ISI-1-6-1	DRYWELL	UT45 UT60 MT
RPV	6-N4C-1	SAFE END TO NOZZLE	B5.10	ISI-1-6-1	DRYWELL	UT45 UT60 MT
RPV	6-N4D-1	SAFE END TO NOZZLE	B5.10	ISI-1-6-1	DRYWELL	UT45 UT60 MT
RPV	RPV-CHW-19-36	CLOSURE HEAD NUTS	B6.10	ISI-1-54-2	DRYWELL	UT
RPV	RPV-CS-19-36	CLOSURE STUDS	B6.20	ISI-1-54-2	DRYWELL	UT
RPV	RPV-F1-19-36	THREADS IN FLANGE	B6.40	ISI-1-54-2	DRYWELL	UT
RPV	RPV-CB-19-36	CLOSURE BUSHINGS	B6.50	ISI-1-54-2	DRYWELL	VT-1
RPV	RPV-CW-19-36	CLOSURE WASHERS	B6.50	ISI-1-54-2	DRYWELL	VT-1
RPV	RPV-SW-120-240	SKIRT WELD	B8.10	ISI-1-54-3	DRYWELL	UT
***						
RWCU	12R-0-1A	SWEEPolet TO ELBOW	B9.11	ISI-1-12-1	DRYWELL	PT UT45 UT60
RWCU	12R-0-23	ELBOW TO PENETRATION	B9.11	ISI-1-12-1	DRYWELL	PT UT45 UT60
RWCU	12-1-18	ELBOW TO PIPE	B9.11	ISI-1-12-2	A RHR VV RM	UT-45 UT-60 PT
RWCU	12-1-19	PIPE TO ELBOW	B9.11	ISI-1-12-2	A RHR VV RM	UT-45 UT-60 PT
* RWCU	H-4-1-1	GUIDE	F(1-3)	ISI-1-12-1	DRYWELL	VT-3
* RWCU	H-12-1-97	GUIDE	F(1-3)	ISI-1-12-1	DRYWELL	VT-3
* RWCU	H-12-1-99	GUIDE	F(1-3)	ISI-1-12-1	RWCU HX RM	VT-3
* RWCU	H-12-1-113	GUIDE	F(1-3)	ISI-1-12-2	A RHR VV RM	VT-3
* RWCU	H-12-1-1243	RESTRAINT	F(1-3)	ISI-1-12-2	RWCU HX RM	VT-3
* RWCU	H-12-1-1258	RESTRAINT	F(1-3)	ISI-1-12-2	RWCU HX RM	VT-3
* RWCU	H-12-1-350	GUIDE	F(1-3)	ISI-1-12-2	RWCU HX RM	VT-3
RWCU	H-12-1-14	SPRING HANGER	F(1-4)	ISI-1-12-1	DRYWELL	VT-3 VT-4
***						
SBLC	11-VB-1101-1	VALVE BOLTING	B7.70	ISI-1-11-1	DRYWELL	VT-1
SBLC	11-VB-1101-15	VALVE BOLTING	B7.70	ISI-1-11-1	DRYWELL	VT-1

\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE A

PILGRIM NUCLEAR POWER STATION  
ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS SCHEDULED FOR REFUEL OUTAGE B

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
	SBLC B-11-165	PIPE TO ELBOW	B9.40	ISI-1-11-1	DRYWELL	PT
	SBLC B-11-178	ELBOW TO PIPE	B9.40	ISI-1-11-1	RB 74' BW	PT
*	SBLC H-11-1-21	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-22	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-23	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-24	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-25	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-26	GUIDE	F(1-3)	ISI-1-11-1	DRYWELL	VT-3
*	SBLC H-11-1-31	GUIDE	F(1-3)	ISI-1-11-1	RB 74'	VT-3
*	SBLC H-11-1-36	GUIDE	F(1-3)	ISI-1-11-1	RB 74'	VT-3
*	SBLC H-11-1-37	GUIDE	F(1-3)	ISI-1-11-1	RB 74'	VT-3
*	SBLC H-11-1-40	GUIDE	F(1-3)	ISI-1-11-1	RB 91'	VT-3
***						
	SSW H-29-1-15	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
	SSW H-29-1-25	RIGID HANGER	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
	SSW H-29-1-36	RIGID HANGER	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
	SSW H-29-1-37	RIGID HANGER	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
	SSW H-29-1-1	RIGID HANGER	F(1-3)	ISI-1-29-1	A AUX BAY	VT-3
	SSW H-29-1-20	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
	SSW H-29-1-21	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
	SSW H-29-1-6SR	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
	SSW H-29-1-26	RIGID HANGER	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
*	SSW H-29-1-1321SA	ANCHOR	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
***						

## ENCLOSURE B

PILGRIM NUCLEAR POWER STATION  
 ADDITIONAL ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS  
 TO BE PERFORMED DURING REFUEL OUTAGE B - SCHEDULE PERMITTING

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
CRD	H-3-1-22	RESTRAINT	F(1-3)	ISI-1-3-1	EAST CRD	VT-3
CRD	H-3-1-42	RESTRAINT	F(1-3)	ISI-1-3-1	WEST CRD	VT-3
CRD	H-3-1-14	RIGID SUPPORT	F(1-3)	ISI-1-3-1	EAST CRD	VT-3
CRD	H-3-1-27	ANCHOR	F(1-3)	ISI-1-3-1	EAST CRD	VT-3
CRD	H-3-1-40	RIGID SUPPORT	F(1-3)	ISI-1-3-1	WEST CRD	VT-3
***						
CS	14-A-4	PIPE TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-A-5	ELBOW TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-A-7	ELBOW TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-4	PIPE TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-5	ELBOW TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-7	ELBOW TO PIPE	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-8	ELBOW TO ELBOW	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	14-B-9	PIPE TO ELBOW	B9.11	ISI-1-14-1	DRYWELL	UT45 UT60 MT
CS	GB-14-F31	PIPE TO VALVE	C5.11	ISI-1-14-2A	A RHR QUAD	MT
CS	GB-14-F46	VALVE TO PIPE	C5.11	ISI-1-14-2A	A RHR QUAD	MT
CS	GB-14-F21	ELBOW TO PIPE	C5.11	ISI-1-14-2B	WEST CRD	MT
CS	HL-14-2-4A	FLANGE TO PIPE	C5.11	ISI-1-14-2B	TORUS ROOM	MT
CS	H-14-1-3SA	ANCHOR	F(1-3)	ISI-1-14-2A	A RHR QUAD	VT-3
CS	H-14-1-7SG	GUIDE	F(1-3)	ISI-1-14-2A	RWCU HX RM	VT-3
CS	H-14-1-41	SPRING HANGER	F(1-4)	ISI-1-14-1	DRYWELL	VT-3 VT-4
CS	H-14-1-43	SPRING HANGER	F(1-4)	ISI-1-14-1	DRYWELL	VT-3 VT-4
CS	H-14-1-40	SPRING HANGER	F(1-4)	ISI-1-14-1	DRYWELL	VT-3 VT-4
CS	H-14-1-42	SPRING HANGER	F(1-4)	ISI-1-14-1	DRYWELL	VT-3 VT-4
CS	H-14-1-3	SPRING HANGER	F(1-4)	ISI-1-14-2A	TORUS ROOM	VT-3 VT-4
CS	H-14-1-37	SPRING HANGER	F(1-4)	ISI-1-14-2A	EAST CRD	VT-3



## ENCLOSURE B

PILGRIM NUCLEAR POWER STATION  
 ADDITIONAL ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS  
 TO BE PERFORMED DURING REFUEL OUTAGE B - SCHEDULE PERMITTING

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
						VT-4
***						
FW	H-6-1-X9A	ANCHOR	F(1-3)	ISI-1-6-1	STEAM TUNNEL	VT-3
FW	H-6-1-109	SPRING HANGER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
						VT-4
FW	H-6-1-111	SPRING HANGER	F(1-4)	ISI-1-6-1	DRYWELL	VT-3
						VT-4
***						
HPCI	EB-23-59HL1(4)	SUPPORT LUGS	C3.40	ISI-1-23-2	HPCI ROOM	MT
HPCI	HE-26-175HL1(1)	SUPPORT LUGS	C3.40	ISI-1-23-4	AUX BAY	MT
HPCI	HB-23-F73	VALVE TO PIPE	C5.11	ISI-1-23-3	HPCI ROOM	MT
HPCI	HB-23-F74	PIPE TO VALVE	C5.11	ISI-1-23-3	HPCI ROOM	MT
HPCI	EB-23-F13	VALVE TO PIPE	C5.21	ISI-1-23-2	B RHR VV RM	MT
						UT45
						UT60
HPCI	H-23-1-2SR	LATERAL RESTRAINT	F(1-3)	ISI-1-23-4	HPCI ROOM	VT-3
HPCI	H-23-1-3SR	LATERAL RESTRAINT	F(1-3)	ISI-1-23-4	HPCI ROOM	VT-3
HPCI	H-23-1-4SR	RIGID HANGER	F(1-3)	ISI-1-23-4	HPCI ROOM	VT-3
HPCI	H-23-1-21	RIGID HANGER	F(1-3)	ISI-1-23-4	TORUS ROOM	VT-3
HPCI	H-23-1-80	SPRING HANGER	F(1-4)	ISI-1-23-1	DRYWELL	VT-3
						VT-4
HPCI	H-23-1-81	SPRING HANGER	F(1-4)	ISI-1-23-1	DRYWELL	VT-3
						VT-4
HPCI	H-23-1-82	SPRING HANGER	F(1-4)	ISI-1-23-1	DRYWELL	VT-3
						VT-4
HPCI	H-23-1-73	SPRING HANGER	F(1-4)	ISI-1-23-1	TIP ROOM	VT-3
						VT-4
HPCI	H-23-1-77	SPRING HANGER	F(1-4)	ISI-1-23-1	STEAM TUNNEL	VT-3
						VT-4
HPCI	H-23-1-15	SPRING HANGER	F(1-4)	ISI-1-23-3	HPCI ROOM	VT-3
						VT-4
HPCI	H-23-1-2	SPRING HANGER	F(1-4)	ISI-1-23-5	TORUS ROOM	VT-3
						VT-4
HPCI	H-23-1-4	SPRING HANGER	F(1-4)	ISI-1-23-5	TORUS ROOM	VT-3
						VT-4
***						
MS	1-A-10HL1(4)	HANGER LUGS	B10.10	ISI-1-1-1	DRYWELL	MT
MS	1-C-10HL1(4)	SUPPORT LUG	B10.10	ISI-1-1-1	DRYWELL	MT
MS	1-D-10HL1(4)	SUPPORT LUG	B10.10	ISI-1-1-1	DRYWELL	MT
MS	1-AR-2	WELD TO PIPE	B9.11	ISI-1-1-1	DRYWELL	MT
						UT-5
						UT60
MS	1-AR-3	PIPE TO FLANGE	B9.11	ISI-1-1-1	DRYWELL	MT



## ENCLOSURE B

PILGRIM NUCLEAR POWER STATION  
 ADDITIONAL ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS  
 TO BE PERFORMED DURING REFUEL OUTAGE B - SCHEDULE PERMITTING

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
MS	1-DK1-2	WELDOLET TO PIPE	B9.11	ISI-1-1-1	DRYWELL	UT45 UT60 MT
MS	1-DK1-3	PIPE TO FLANGE	B9.11	ISI-1-1-1	DRYWELL	UT45 UT60 MT
MS	1-SD-9	FLUED HEAD TO PIPE	B9.21	ISI-1-1-1	STEAM TUNNEL	MT
MS	H-1-1-HA3	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-HB2	SPRING HANGER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
MS	H-1-1-SC2	SNUBBER	F(1-4)	ISI-1-1-1	DRYWELL	VT-3 VT-4
***						
RBCCW	H-30-1-32	RIGID SUPPORT	F(1-3)	ISI-1-30-1	TORUS ROOM	VT-3
RBCCW	H-30-1-64SA	ANCHOR	F(1-3)	ISI-1-30-2	PIPEWAY	VT-3
***						
RCIC	HL-13-F665	FLANGE TO PIPE	C5.11	ISI-1-13-3	TORUS ROOM	MT
RCIC	HL-13-F667	ELBOW TO NOZZLE	C5.11	ISI-1-13-3	TORUS ROOM	MT
RCIC	H-13-1-49	SPRING HANGER	F(1-4)	ISI-1-13-1	DRYWELL	VT-3 VT-4
RCIC	H-13-1-50	SPRING HANGER	F(1-4)	ISI-1-13-1	DRYWELL	VT-3 VT-4
***						
RECIRC	H-2-1-H2	SPRING HANGER	F(1-4)	ISI-1-2R-B	DRYWELL	VT-3 VT-4
RECIRC	H-2-1-H19	SPRING HANGER	F(1-4)	ISI-1-2R-B	DRYWELL	VT-3 VT-4
***						
R/R	HL-10-152HL1(2)	SUPPORT LUGS	C3.40	ISI-1-10-5B	B R/R QUAD	MT
R/R	GB-10-F164	ELBOW TO VALVE	C5.11	ISI-1-10-3B	B R/R QUAD	MT
R/R	GB-10-F46A	PIPE TO PIPE	C5.11	ISI-1-10-4A	A R/R VV RM	MT
R/R	GB-10-16-20	TEE TO REDUCER	C5.11	ISI-1-10-4A	A R/R QUAD	MT
R/R	HL-10-F105	ELBOW TO PIPE	C5.11	ISI-1-10-4A	A R/R QUAD	MT
R/R	GB-10-F62A	PIPE TO VALVE	C5.11	ISI-1-10-4A	A R/R VV RM	MT
R/R	GB-10-F67	REDUCER TO VALVE	C5.11	ISI-1-10-4A	A R/R QUAD	MT
R/R	GB-10-3-5C	PIPE TO ELBOW	C5.11	ISI-1-10-4B	TORUS ROOM	MT
R/R	GB-10-3-5E	ELBOW TO PIPE	C5.11	ISI-1-10-4B	TORUS ROOM	MT
R/R	GB-10-15-1E	TEE TO TEE	C5.11	ISI-1-10-4B	CRD QUAD	MT

## ENCLOSURE B

PILGRIM NUCLEAR POWER STATION  
 ADDITIONAL ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS  
 TO BE PERFORMED DURING REFUEL OUTAGE B - SCHEDULE PERMITTING

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
RHR	GB-10-F13	PIPE TO ELBOW	C5.11	ISI-1-10-4B	TORUS ROOM	MT
RHR	GL-10-F102	VALVE TO PENETRATION	C5.11	ISI-1-10-5B	TIP ROOM	MT
RHR	HL-10-F76	ELBOW TO NOZZLE	C5.11	ISI-1-10-5B	TORUS ROOM	MT
RHR	HL-10-F73	PIPE TO NOZZLE	C5.11	ISI-1-10-5B	TORUS ROOM	MT
RHR	H-10-1-44SA	ANCHOR	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-45SR	GUIDE	F(1-3)	ISI-1-10-1B	TORUS ROOM	VT-3
RHR	H-10-1-49SG	GUIDE	F(1-3)	ISI-1-10-1B	A RHR VV RM	VT-3
RHR	H-10-1-19	RIGID HANGER	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-20	RIGID SUPPORT	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-21	RIGID HANGER	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-22	RIGID SUPPORT	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-23	RIGID HANGER	F(1-3)	ISI-1-10-2A	TORUS ROOM	VT-3
RHR	H-10-1-27SR	LATERAL RESTRAINT	F(1-3)	ISI-1-10-2B	B RHR QUAD	VT-3
RHR	H-10-1-121	RIGID HANGER	F(1-3)	ISI-1-10-2B	B RHR QUAD	VT-3
RHR	H-10-1-142	RIGID HANGER	F(1-3)	ISI-1-10-3A	A RHR QUAD	VT-3
RHR	H-10-1-99S	LATERAL RESTRAINT	F(1-3)	ISI-1-10-3B	B RHR QUAD	VT-3
RHR	H-10-1-89SA	ANCHOR	F(1-3)	ISI-1-10-4A	A RHR QUAD	VT-3
RHR	H-10-1-52	RIGID HANGER	F(1-3)	ISI-1-10-4A	TORUS ROOM	VT-3
RHR	H-10-1-87SA	ANCHOR	F(1-3)	ISI-1-10-4A	A RHR QUAD	VT-3
RHR	H-10-1-61SA	ANCHOR	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-62	RIGID HANGER	F(1-3)	ISI-1-10-4B	TORUS ROOM	VT-3
RHR	H-10-1-41SG	GUIDE	F(1-3)	ISI-1-10-5B	B RHR QUAD	VT-3
RHR	H-10-1-111	GUIDE	F(1-3)	ISI-1-10-5B	B RHR QUAD	VT-3
RHR	H-26-1-3SA	ANCHOR	F(1-3)	ISI-1-10-5B	B RHR QUAD	VT-3
RHR	H-10-1-134	SPRING HANGER	F(1-4)	ISI-1-10-1B	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-3SS	SPRING HANGER	F(1-4)	ISI-1-10-3A	A RHR QUAD	VT-3 VT-4
RHR	H-10-1-199	SPRING HANGER	F(1-4)	ISI-1-10-4A	RWCU HX RM	VT-3 VT-4
RHR	H-10-1-82	SPRING HANGER	F(1-4)	ISI-1-10-4B	TORUS ROOM	VT-3 VT-4
***						
RWCU	H-12-1-1463	GUIDE	F(1-3)	ISI-1-12-1	DRYWELL	VT-3
RWCU	H-12-1-115	RIGID HANGER	F(1-3)	ISI-1-12-1	RWCU HX RM	VT-3
RWCU	H-12-1-111	GUIDE	F(1-3)	ISI-1-12-2	A RHR VV RM	VT-3
RWCU	H-12-1-112	GUIDE	F(1-3)	ISI-1-12-2	A RHR VV RM	VT-3
RWCU	H-12-1-8	SPRING HANGER	F(1-4)	ISI-1-12-2	A RHR VV RM	VT-3 VT-4
***						
SBLC	B-11-181A	SOCKET TO PIPE	B9.40	ISI-1-11-1	RB 74'	PT
SBLC	B-11-181B	PIPE TO SOCKET	B9.40	ISI-1-11-1	RB 74'	PT
***						

## ENCLOSURE B

PILGRIM NUCLEAR POWER STATION  
 ADDITIONAL ASME XI SECOND TEN YEAR INTERVAL EXAMINATIONS  
 TO BE PERFORMED DURING REFUEL OUTAGE B - SCHEDULE PERMITTING

SYSTEM ID	COMPONENT ID NO.	COMPONENT DESCRIPTION	ITEM NO.	ISOMETRIC NO.	LOCATION	EXAM. METHOD
SSW	H-29-1-1062	GUIDE	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
SSW	H-29-1-1065	GUIDE	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
SSW	H-29-1-13	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
SSW	H-29-1-22	RIGID HANGER	F(1-3)	ISI-1-29-1	SCREEN HS	VT-3
SSW	H-29-1-5SR	RIGID HANGER	F(1-3)	ISI-1-29-1	B AUX BAY	VT-3
SSW	H-29-1-2	RIGID HANGER	F(1-3)	ISI-1-29-1	A AUX BAY	VT-3

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\* Exams performed  
during 1990  
maintenance outage.

# ENCLOSURE C

## PILGRIM NUCLEAR POWER STATION

\* SAFETY-RELATED IGSCC-SUSCEPTIBLE WELDS SCHEDULED FOR EXAMINATION DURING REFUEL OUTAGE B  
IN ACCORDANCE WITH GENERIC LETTER 88-01

..... IGSCC... COMPONENT ID NO... COMPONENT..... SYSTEM ID ITEM NO. ISOMETRIC NO. LOCATION....  
CATEGORY DESCRIPTION

IGSCC A	14R-A-13	VALVE TO ELBOW	CS	B9.11	ISI-1-14-1	DRYWELL	
IGSCC A	14R-B-13	VALVE TO ELBOW	CS	B9.11	ISI-1-14-1	DRYWELL	
IGSCC A	2R-N1B-4	PIPE TO TEE	RECIRC	B9.11	ISI-1-2R-A	DRYWELL	
IGSCC A	2R-N2C-3	CROSS TO PIPE	RECIRC	B9.11	ISI-1-2R-A	DRYWELL	
IGSCC A	2R-N1A-14	TEE TO PIPE	RECIRC	B9.11	ISI-1-2R-B	DRYWELL	
*	IGSCC A	2R-N2H-3	CROSS TO PIPE	RECIRC	B9.11	ISI-1-2R-B	DRYWELL
	IGSCC A	10R-1A-5	VALVE TO ELBOW	RHR	B9.11	ISI-1-10-1	DRYWELL
*	IGSCC A	10R-O-14	PIPE TO PIPE	RHR	B9.11	ISI-1-10-1A	DRYWELL
	IGSCC A	14-B-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-14-1	DRYWELL
	IGSCC A	12R-O-1A	SWEEPOLET TO ELBOW	RWCU	B9.11	ISI-1-12-1	DRYWELL

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IGSCC D	14-A-19	VALVE TO PIPE	CS	B9.11	ISI-1-14-1	RWCU HX RM
IGSCC D	14R-A-16	PENETRATION TO ELBOW	CS	B9.11	ISI-1-14-1	DRYWELL
						DRYWELL
IGSCC D	14R-B-16	PENETRATION TO ELBOW	CS	B9.11	ISI-1-14-1	DRYWELL
IGSCC D	14R-B-21A	PIPE TO PIPE	CS	B9.11	ISI-1-14-1	RB 51'
IGSCC D	10-1A-14	PIPE TO FLUED HEAD	RHR	B9.11	ISI-1-10-1	A RHR VV RM
IGSCC D	10-1A-15	VALVE TO PIPE	RHR	B9.11	ISI-1-10-1	A RHR VV RM
IGSCC D	10R-1A-12	PENETRATION TO ELBOW	RHR	B9.11	ISI-1-10-1	DRYWELL
IGSCC D	2R-N1B-1	NOZZLE TO SAFE END	RPV	B5.10	ISI-1-2R-A	DRYWELL
IGSCC D	2R-N2C-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-2R-A	DRYWELL
IGSCC D	2R-N2D-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-2R-A	DRYWELL
IGSCC D	2R-N2E-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-2R-A	DRYWELL
IGSCC D	2R-N2F-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-2R-B	DRYWELL
IGSCC D	2R-N2J-1	SAFE END TO NOZZLE	RPV	B5.10	ISI-1-2R-B	DRYWELL
IGSCC D	12-O-28	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-1	RWCU HX RM
IGSCC D	12R-O-23	ELBOW TO PENETRATION	RWCU	B9.11	ISI-1-12-1	DRYWELL
IGSCC D	12R-O-32	PIPE TO VALVE	RWCU	B9.11	ISI-1-12-1	RWCU HX RM
IGSCC D	12-1-17	PIPE TO REDUCER	RWCU	B9.11	ISI-1-12-2	A RHR VV RM
IGSCC D	12-1-18	ELBOW TO PIPE	RWCU	B9.11	ISI-1-12-2	A RHR VV RM
IGSCC D	12-1-19	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	A RHR VV RM
IGSCC D	12-1-21	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	A RHR VV RM
IGSCC D	12-1-23	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	A RHR VV RM
IGSCC D	12-1-23A	PIPE TO PIPE	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-24	ELBOW TO PIPE	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-25	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-25A	PIPE TO PIPE	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-26	ELBOW TO PIPE	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-27	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	EAST CRD
IGSCC D	12-1-28	ELBOW TO PIPE	RWCU	B9.11	ISI-1-12-2	RWCU HX RM
IGSCC D	12-1-29	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	RWCU HX RM
IGSCC D	12-1-32	ELBOW TO PIPE	RWCU	B9.11	ISI-1-12-2	RWCU HX RM
IGSCC D	12-1-33	PIPE TO ELBOW	RWCU	B9.11	ISI-1-12-2	RWCU HX RM

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IGSCC E	RPV-N9A-1	NOZZLE TO SAFE END	RPV	B5.10	ISI-1-54-4	DRYWELL
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\*Exams performed  
during 1990  
maintenance outage.

ENCLOSURE C

PILGRIM NUCLEAR POWER STATION

SAFETY-RELATED IGSCC-SUSCEPTIBLE WELDS SCHEDULED FOR EXAMINATION DURING REFUEL OUTAGE 8  
IN ACCORDANCE WITH GENERIC LETTER 88-01

..... IGSCC... COMPONENT ID NO., COMPONENT..... SYSTEM ID ITEM NO. ISOMETRIC NO. LOCATION....  
CATEGORY DESCRIPTION

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IGSCC G	DB/DC-14-3002-5-1	ELBOW TO PIPE	CS	C5.21	ISI-1-14-2A	RWCU HX RM
IGSCC G	DC-14-F31	PIPE TO VALVE	CS	C5.21	ISI-1-14-2A	RWCU HX RM
IGSCC G	DB/DC-14-3001-4-1	PIPE TO PIPE	CS	C5.21	ISI-1-14-2B	RB 51'
IGSCC G	DC-14-F1	PIPE TO VALVE	CS	C5.21	ISI-1-14-2B/1	RB 51'
IGSCC G	DB/DC-10-3002-3-3	PIPE TO PIPE	RHR	C5.21	ISI-1-10-4A	A RHR VV RM
IGSCC G	DC-10-F9	PIPE TO VALVE	RHR	C5.21	ISI-1-10-4A	A RHR VV RM
IGSCC G	DB/DC-10-3001-2-1	ELBOW TO PIPE	RHR	C5.21	ISI-1-10-4B	B RHR VV RM
IGSCC G	DC-10-F10R	PIPE TO VALVE	RHR	C5.21	ISI-1-10-4B	B RHR VV RM
IGSCC G	3-1-1	NOZZLE TO CAP	RPV	B5.10	ISI-1-3-1	DRYWELL

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ENCLOSURE D

PILGRIM NUCLEAR POWER STATION

MODIFIED IGSCC INSPECTION SCHEDULE

(REFERENCE BECo LETTER 89.084)

<u>CATEGORY</u>	<u>DELETED FROM RFO 8</u>	<u>ADDED TO RFO 8</u>
A	14R-A-11A	
A		14R-A-13
A		14R-B-13
A		2R-N2C-3
A		2R-N1A-14
D	14-A-17	
D	14-A-18	
D	12-O-29	
D	12-O-30	
D	12-O-31	
D		12-I-23A
D		12-I-24
D		12-I-25A
D		12-I-25
D		12-I-26
D		12-I-27
D		12-I-33
D	12-I-30	
D	12-I-31	



## ENCLOSURE E

## PILGRIM NUCLEAR POWER STATION

NON-SAFETY RELATED IGSCC SUSCEPTIBLE WELDS SCHEDULED FOR EXAMINATION

IN ACCORDANCE WITH GENERIC LETTER 88-01 AND BECO LETTER 2.90.140

DURING REFUEL OUTAGE 8

<u>IGSCC CATEGORY</u>	<u>WELD NO.</u>	<u>DESCRIPTION</u>	<u>SYSTEM</u>	<u>ISOMETRIC</u>	<u>LOCATION</u>
IGSCC D	SW-12-6	Pipe to valve	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	EA12-1	Pipe to elbow	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	EA12-2	Elbow to pipe	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	EA12-3	Pipe to elbow	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	EA12-4	Elbow to pipe	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	SW-12-129	Pipe to elbow	RWCU	ISI-I-12-3	RWCU HX RM
IGSCC D	EA12-12	Elbow to pipe	RWCU	ISI-I-12-3	RWCU HX RM